WHAT IS CLAIMED IS:

1. A routing method using a CAD tool, comprising the steps of:

defining a routing grid a plurality of times;

routing a signal line in accordance with a first-defined grid; and

routing another signal line in accordance with a second-defined grid.

2. The routing method according to Claim 1, further comprising the steps of:

arranging power-supply and ground lines in a mesh pattern in a layout area, every two lines of the power-supply and ground lines having a space for a line therebetween;

routing the signal line between the power-supply and ground lines; and

routing the another signal line between the power-supply and ground lines or in another part of the layout area.

3. A routing method using a CAD tool, comprising the steps of:

arranging power-supply and ground lines in a mesh pattern in a layout area, every two lines of the power-supply and ground lines having a space for a line therebetween;

routing a signal line between the power-supply and ground lines; and

routing another signal line between the power-supply and ground lines or in another part of the layout area.

4. A CAD apparatus for designing layout by using the CAD tool according to Claim 1.

5. A CAD apparatus for designing layout by using the CAD tool according to Claim 2.

6. A CAD apparatus for designing layout by using the CAD tool according to Claim 3.